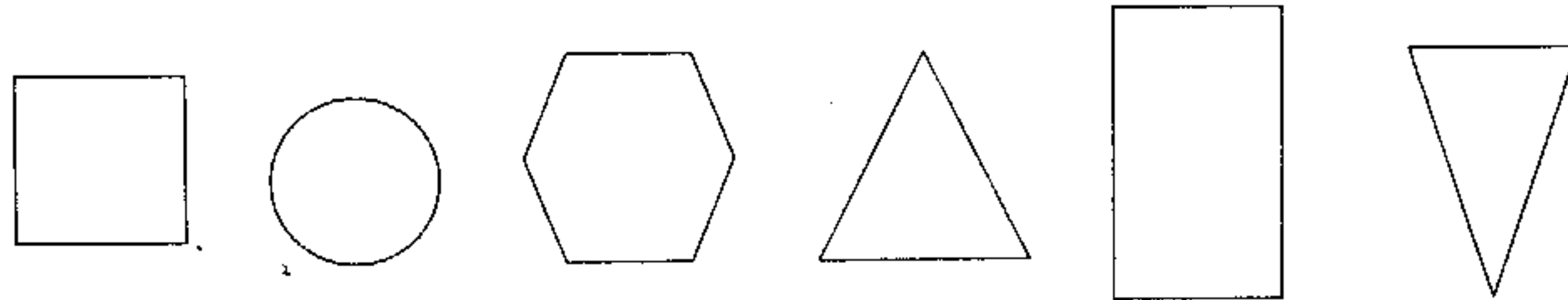
Level 2 Term 4 Week 1 Day 1	Lesson Plan

Objective: To check the concept of halves and quarter to give the concept of ½ and ¼

Activity: Showing halves and quarter in the picture.

Material: Cut out of different shapes

Procedure:

- Give the cut outs of these figures to the students.

- Say them to fold these cut outs into halves.
- Display these halves on the board. (paste)
- Explain this is a whole figure after folding figure is divided into two parts called two halves. Each half is called ½.
- Give these cut outs again to the students.
- Ask them to color ½ of each figure.

Use same procedure for explanation of quarters.

Class work: Page 5 (2-B part 2)

Wrap up: homework page 6 (2-B part 2)

Level 2 Term 4 Week 1 Day 2	**Lesson Plan**

Objective: To teach the concept of fraction

Activity: Showing fractions through folding the cutouts / coloring

Material: Notebooks, cutouts of papers, pencils colors

Procedure:

Warm up: Show cut outs of halves and quarters and ask some questions to check their previous knowledge.

Activity:

- Make groups in the class
- Give six cutouts to each group
- Ask them to fold these cut outs to divide them into 3, 4, 5, 6, 7 and 8 equal parts respectively.
- Display some cutouts on the board and explain 2/3, 5/8, 7/10, 3/4 etc
- Give these cutouts back to the group from which these are taken and ask them to color the cutouts to show 2/3, 5/8, 7/10 and 3/4

Class work: Paste these cutouts on the charts with fractions written beside them and paste these charts in the class.

Level 2 **Term 4** **Week 1** **Day 3**	**Lesson Plan**

Objective: To practicce fractions.

Activity: Written work

Material: worksheets, pencils

Procedure: Ask some question to check the previous knowledge

Class work: page 7 and 8

Warp up: home page 9 (2-B part 2)

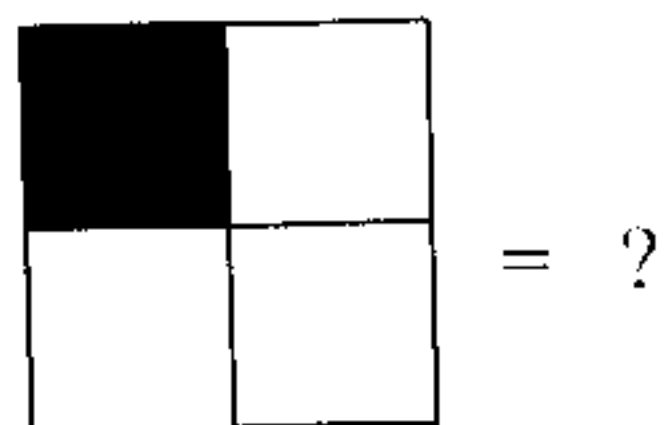
Level 2
Term 4
Week 1
Day 4

Lesson Plan

Objective: To practice fractions

Activity: Matching fractions with the figures

Material: worksheets / pencils

Procedure: Ask some questions orally

Give some more questions.

Class work: Page 10, 11 (2-B part 2)

Level 2 Term 4 Week 1 Day 5	**Lesson Plan**

Objective: To give concept of greater and smaller fraction

Activity: Coloring and written work

Material: Strips of papers, worksheets.

Procedure:

- Take a strip, cut it into two halves.
- Take another strip and cut it into 3 halves.
- Ask following questions.
  ½ is greater or 1/3 is greater?
- Explain when we make more pieces and make more halves than pieces become more little.

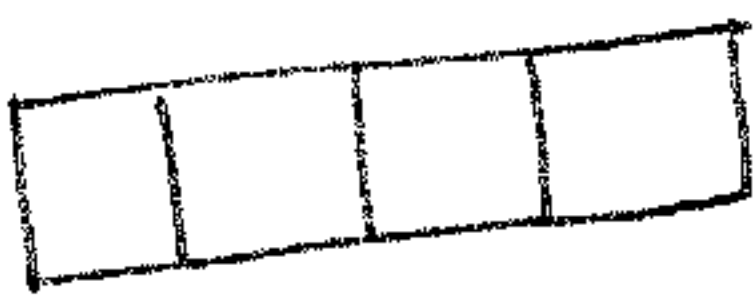
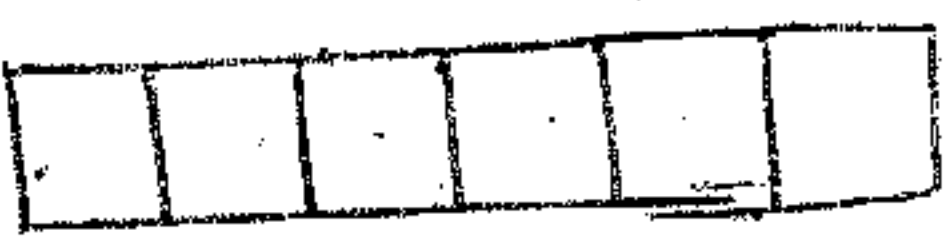
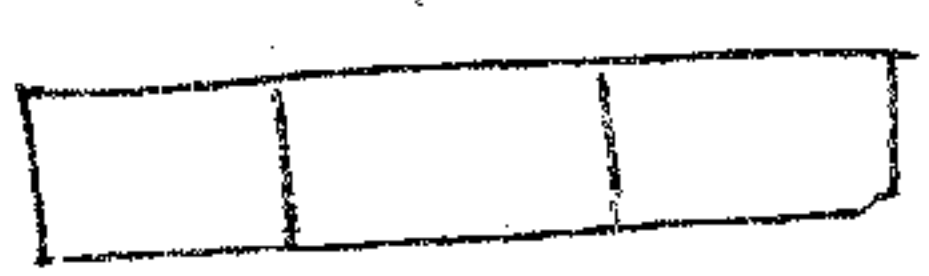
Class work: Page 13 worksheet (2-B part 2)

Home work: Assessment topic fraction.

Level 2 **Term 4** **Week 2** **Day 1**	**Lesson Plan**

Assessment in page 12 (2-B part 2)

Homework: page 66

Level 2 Term 4 Week 2 Day 2	**Lesson Plan**

Objective: Students will be able to identify the greater and smaller fraction.

Activity: Written work / solution

Material:- Strips of papers, work sheet, Pencils

Procedure:—

- Take a strip cut it in to two halves.
- Take another strip and cut it in to 3 halves.
- Ask following questions.

  $\frac{1}{4}$ is greater or $\frac{1}{6}$ is greater?
- Explain when we make more pieces and make more halves Than pieces become more little like $\frac{1}{4}$ [| | |], $\frac{1}{6}$ [| | | | |], $\frac{1}{3}$ [| |] etc

class work:— Page # 14, 15 → Q # 5, 6

Level 2
Term 4
Week 2
Day 3

Lesson Plan

Objective: Students will be able to arrange the fractions in ascending and descending order.

Activity: Solution of questions

Material: Worksheets, pencils, strips of papers.

Procedure:

Warm up: Ask these questions

- Which fraction is greatest ½, ¼, or 1/10? Why?
- 1/9, 1/12, 1/3? Why?

Activity:

- Make groups in the class
- Give 4 strips of paper to each group.
- Say each group to make two parts of one strip and color ½ strip like
- Say students to make 4 parts of other strips and color ¼.
- Make eight parts of 3rd strip and 10 parts of 4th strip 1/8 and color 1/8 and 1/10.
- Now tell which part is smallest, greater, greatest
- Say students to arrange these strips in the order from smallest to the greatest. (Explain question 8 in this way also)

See page 15 question 7 and 8.

Class work: Page 15 question 7 and 8 in notebooks.

Wrap up: page 15 question 7 and 18 in worksheet (2-B part 2)

Level 2 **Term 4** **Week 2** **Day 4**	**Lesson Plan**

Objective: To teach the concept of "How much make one whole"

Activity: Adding fractions (activity)

Material: Cut outs of charts on which different fractions as shown

Procedure:

- Make groups in the class
- Give 4 cut outs to each group. Fraction are shown on cards 1/3, 1/8, 1/5, 1/6
- Take 1/3 fraction card

  Color 1/3 of it
  Now color other 1/3 of it
  How many color parts are there =?
  How much is left =?

Teacher record all this on the board.
Repeat the same with question b, c and d
Page 16 (2-B part 2)

Wrap up: Practice all questions of page 16 orally again & again. Give chance to all the students.

Level 2 Term 4 Week 2 Day 5	Lesson Plan

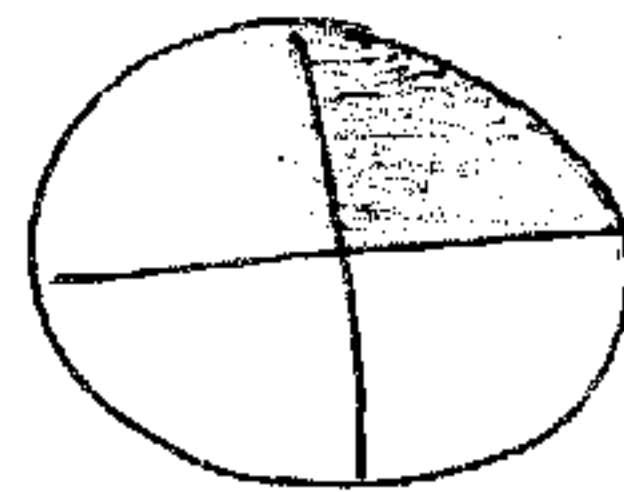
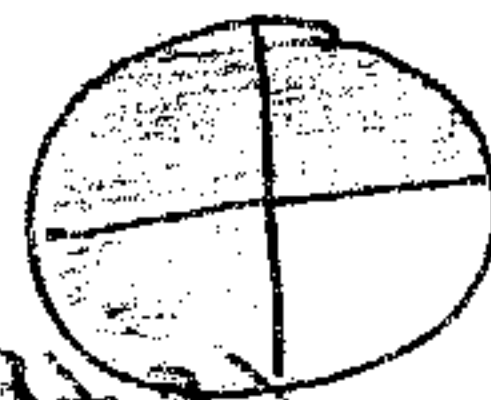
Objective: To practice and assess adding of fraction

Activity: Written work

Material:- Workksheet, Pencils, cut outs of cartison which different fractions are shown.

Procedure:-

- Make groups in the class.
- Give 3 cut outs to each group. (fractions are shown on cards) → $\frac{1}{4}, \frac{1}{5}, \frac{1}{7}, \frac{1}{6}$.
- Take $\frac{1}{4}$ fraction card

1) Color $\frac{1}{4}$ of it.

2) How many color parts are there =? $\left(\frac{3}{4}\right)$ $\left(\frac{1}{4}+\frac{2}{4}=\frac{3}{4}\right)$

3) How much is left. =? $\left(\frac{2}{4}\right)$

Teacher record all this on the board. $\left(\frac{3}{4} + \frac{1}{4} = \frac{4}{4} \quad 1 \text{ whole}\right)$

Repeat the same with Q b, c and d

Class work:- Page # 16, 17 (2B - part II)

Level 2 **Term 4** **Week 3** **Day 1**	**Lesson Plan**

Objective: Assessment in notebooks questions should be selected by the teacher.

Home work: page 32

Level 2 **Term 4** **Week 3** **Day 2**	**Lesson Plan**

Objective: To teach time in minutes

Activity: Showing time in minutes, written work

Material: Wall clock on which from 1—12 are shown.

Procedure:

Warm up: Chorally read table of 5 (two times)
Show clock to the class and ask:

- What is this?
- What are the numbers written on the clock?
- Where is the big hand?
- So what is the time?

Explanation:

- Small hand is hour hand.
- Big hand is minute hand
- When we move hour hand then time changes in hour like (change hour hand and tell now time is.....)
- When we move big hand then time changes in minutes (move big hand and explain time in minutes)

Class work: page 18 (brief explanation first then written work)

Level 2 **Term 4** **Week 3** **Day 3**	**Lesson Plan**

Objective: To teach to read and write the time.

Activity: Showing the time by drawing minutes hands on the clocks

Material: worksheets, pencils, clock

Procedure: Take a wall clock and ask the different times by changing the minute's hand.

Class work: Page 24 (2-B part 2)

Homework: page 20

Level 2
Term 4
Week 3
Day 4

Lesson Plan

Objective: To teach "The times write in words and in digits"

Activity: Written work

Material: Clock, worksheets, pencils

Procedure: Show the clock to students with the time 12 o'clock and ask,

- Where is small hand?
- Where is big hand?
- What is the time?

Explain we can write the time in two ways: 12 o'clock and 12:00
Explain some more questions in this way see page 19 (2-B part 2) for this

Class work: Page 19 (2-B part 2)

Level 2
Term 4
Week 3
Day 5

Lesson Plan

Objective: To teach reading of time

Activity: Written work

Materials:- Big clock, Note books, pencils.

Procedure:-

First of all show the students the difference between the hour hand and the minute hand. Show the students that when the minute hand is at 12. it is ____ o'clock. They fill in the blanks based on what the hour hand is pointing to. Then show the students that when the minute hand is at 6. it is ____ thirty. Ask the students why is it ____ thirty and not ____ six? (Because you count by fives to reach 30.) Show the students that they fill in the blank by looking to the hour hand and seeing what number it just passed. Allow students

P.T.O

some practice time with their Clocks as you call out various times.

Classwork:- Page # 22 (2B. part 2) in note books.

Home work:- Assessment (topic Time)

Level 2 **Term 4** **Week 4** **Day 1**	**Lesson Plan**

Assessment page 21 (worksheet 2-B part 2)

Homework: Page 78

Level 2 Term 4 Week 4 Day 2	**Lesson Plan**

Objective: More practice on reading the time

Activity: Written work

Material;- work sheets, Big clock for teacher. pencils, small clocks for each students.

Procedure:-

- Give each student a small clocks to review time to the hour, half hour, and quarter hour. Use large class clock for teacher modeling.

Using students previous suggestions of event. ask students to demonstrate the time on their clock and name wether it is a, am or p.m.

For example:-

- "I get up in the morning at 8:15 am."

P.T.O

• I go to bed at 9:30 pm.

Class work:- page # 23 (2B part $\overline{2}$)

Level 2 Term 4 Week 4 Day 3	**Lesson Plan**

Objective: To teach adding the time

Activity: written work

Material: worksheets, pencils, clock

Procedure: Show a clock on which time is 4:15 (quarter past 4), Ask:

- What is the time?
- What will be the time after 20 min?

Teacher helps students by changing hands of clock to tell the time.
Record students answer on the board.

Explain: We can find this by adding the time like:

```
  4:15
  0:20
------------
  4:35
```

Explain some more questions like this
Make students practice again and again.

Class work: page 29, 30 (2-B part 2)

18

Level 2 Term 4 Week 4 Day 4	**Lesson Plan**

Objective: Telling times difference

Activity: Written work

Material: Worksheets, pencils

Porocedure:-

Show a clock on which time is 9:15 (quarter part 9).

Ask:-

- what is the time?
- what will be the time after 30 min?
- Teacher help students by changing the hands of clock to tell the time.
- Record students answers on the board.

Explaination:-

• we can find by subtraction the time like.

$$\begin{array}{r} h \quad min \\ 9:15 \\ -\ 0:30 \\ \hline 8:45 \end{array}$$

• Explain some more questions like this

Class work:- Page 25 and 26 (2B part 2)

Home work:- Page # 27 (2B part 2)

Level 2 Term 4 Week 4 Day 5	Lesson Plan

Objective: Practice minute later time

Activity: written work

Material:- worksheets, Pencils, Clock Loose sheets.

Procedure:-

- Teacher will explain the time through clock by showing different time.
- After this students will solve the work sheet.
- After solving the work sheet teacher will give loose sheets to each student.
- Say childrens to make the clock on paper and show ~~their~~ favourite time on it.
- After this teacher will check each student

P.T.O

Classwork:- Page # 28 (2B part 2)

Home work:- Assessment (Topic time)

Level 2 **Term 4** **Week 5** **Day 1**	**Lesson Plan**

Assessment in notebooks (decided by the teacher)

Homework: page 31 (2-B part 2)

Level 2 Term 4 Week 5 Day 2	**Lesson Plan**

Objective: To teach concept of more and les capacity

Activity: practical comparing more and less capacity

Material: Two equal sized and equal shaped tubs, different objects (like see page 35, 36)

Procedure:

Warm up:

- Show the objects and ask,
  Which object is greatest?
  Which object is smallest?
- Full any two object with water
- Pure water from 1st object into 1st the tub
- Pure water from 2nd object into 2nd tub
- Now observe which tub is having more water (which object can hold more water)
- Repeat same procedure with other objects

Class work: Page 35 and 36 (2-B part 2)

Level 2 **Term 4** **Week 5** **Day 3**	**Lesson Plan**

Objective: Finding most and least capacity

Activity: Writing work (comparing)

Material: Worksheets, pencils

Objective: Ask questions first orally.
Explain something which needed

Class work: page 38 and 39

Homework: page 37 (2-B part 2)

Level 2 Term 4 Week 5 Day 4	**Lesson Plan**

Objective: To teach how to estimate and measure

Activity: estimating and measuring water

Material: Beaker which holds one liter, pail, basin

Procedure: Introduce beaker, pail and basin; explain why you brought these things. (See page 40 for this activity)

Class work: Page 40 (2-B part2)

Level 2 Term 4 Week 5 Day 5	Lesson Plan

Objective: To teach concept of capacity

Procedure:

- Make groups in the class give a jug full of water a pail and a 1 liter beaker to each group
- Ask each group to pure water from the jug into the beaker and pure this beaker into the pail
- Repeat this till water finishes from the jug

Ask these questions now:

- How much times did you fill the beaker with water?
- It mans jug hold _______ liter water
- So the capacity of jug is _______ liters

Class work: Page 41 and 42 (2-B part 2) first explain it orally get answers from the student then do written work

Home work: Assessment (topic capacity)

Level 2 Term 4 Week 6 Day 1	Lesson Plan

Assessment in notebooks (Decided by the teacher)

Homework: Page 77

Level 2 **Term 4** **Week 6** **Day 2**	**Lesson Plan**

Objective: To give the basic concept of graph

Activity: learning graph through activity

Material: Round pieces of glaze paper (cut as many as you can)
A chart paper, worksheets, pencils

Procedure:

- Make 4 groups in the class
- Give some cut outs to one groups, some to second……. 4th group. (without counting them)
- Give chart paper to group 1
- Ask them to count and paste their cut outs on it front of their group name
- Repeat the same for other 3 groups, After pasting cutouts of all the groups, paste the chart on the board
- Make class to study the graph made by all the groups
- Ask these questions

Group 1 pasted ______ cut outs
Group 2 pasted ______ less cut outs
Ask some more questions like this.

Class work: page 45, 46 (2-B part 2)

Level 2 Term 4 Week 6 Day 3	**Lesson Plan**

Objective: More practice on graphs

Activity: Written work

Material: worksheets, pencils

Procedure: Chorally drill of table of 2

Activity:
- Make students to practice questions on the board first
- Then in worksheets

Class work: Page 48 (2-B part 2)

Home work: Page 47

Level 2 **Term 4** **Week 6** **Day 4**	**Lesson Plan**

Objective: To revise the tables of 2, 3, 4, 5 and 10

Activity: Fill in the blanks

Material: Worksheets, pencils

Warm up: (class work)

- Read the table of 5 and fill in the blank (a)
- Read the table of 10 and fill in the blank (b)
- Repeat the same and fill in the all blanks on page 49 (2-B part 2)

Level 2 Term 4 Week 6 Day 5	Lesson Plan

Objective: Practice graph in note books

Activity: Written work and drawing

Material: Notebooks, pencils, colors etc

Procedure:

Warm up: Some procedure used for teaching graphs in worksheets.

Class work: Teacher give question from page 51 of worksheets and use students names instead of given on page 51

Homework: assessment topic graph

Level 2
Term 4 **Lesson Plan**
Week 7
Day 1

Assessment in notebook Page 50 (2-B part 2)

Homework: page 51

Level 2 **Term 4** **Week 7** **Day 2**	**Lesson Plan**

Objective: Practice of graphs

Activity: Written work

Material: worksheet / pencils

Procedure:

Warm up:

- Chorally drill of table of 5
- Ask given questions first orally then make students to write in worksheet

Class work: Page 52 (2-B part 2)

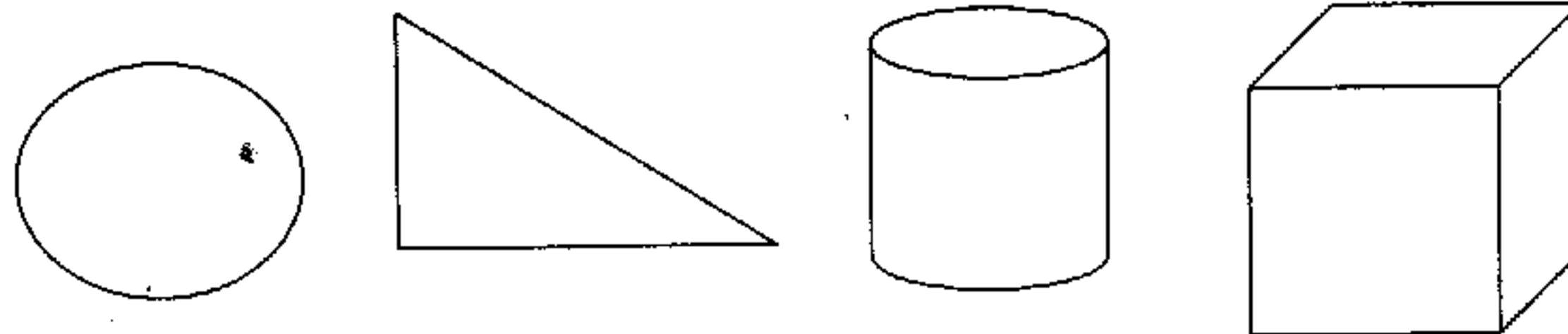
Level 2 Term 4 Week 7 Day 3	Lesson Plan

Objective: To give concept of identification of different shapes

Activity: Written work

Material: Worksheet / Pencils

Procedure:

- Teacher draws these shapes on the board and asks students to tell their names, teacher writes this name on the board.

- Ask stunts to search objects in the class that have same shapes like drawn on the board.
- Teacher record answer on the board,

Class work: Page 53, 54, 55 in worksheet (2-b part 2)

Homework: Draw circle, triangle, rectangle, square in notebook

Level 2 Term 4 Week 7 Day 4	Lesson Plan

Material: Solid objects of different shapes as shown on page 56, charts

Procedure:

Warm up:

- Show the solid shapes to the class and ask their names from the students
- Make 5 groups in the class
- Give a chart and a solid object to each group and say them to explain it on the form of filling the table, like

Shape's name		
Number of Flat faces		
Number of Curved faces		

- Call a volunteer from each group to explain his table made on the chart
- Paste these charts in the class.

Level 2 **Term 4** **Week 7** **Day 5**	**Lesson Plan**

Objective: To revise previous day's concept

Activity: Written work

Material: Worksheets / pencils

Procedure: Follow the previous day's charts for explanation

Class work: Page 56

Homework: Page 57 + Test of shapes

Level 2 **Term 4** **Week 8** **Day 1**	**Lesson Plan**

Assessment in note book

Homework: Page 60, 61, 62 (2-B part 1)

Level 2 Term 4 Week 8 Day 2	**Lesson Plan**

Objective: Students will be able to complete the table

Activity: Coloring

Material: Cutouts of Shapes given in page 64, worksheet, colors

Procedure:
- Paste some cutouts like page 64 question (a)
- Ask students which shape come next
- Repeat the same with other questions

Class work: Page 64, 65

Level 2 Term 4 Week 8 Day 3	**Lesson Plan**

Objective: To teach the concept of same size of the shapes

Activity: written work

Material: Chart made shapes given in page 70 on it / worksheet

Procedure:

- Show the chart, on which the shapes of page 70 block (a) is drawn.
- Now ask to the students
- How you find these are same?
- Repeat the same with (blocks b, c, d, e)
- Are these shapes same in size?

Class work: Page 70 (2-B Part 2)

Homework: Page 71

Level 2 Term 4 Week 8 Day 4	**Lesson Plan**

Objective: Students will be able to draw different shapes of same area

Activity: Drawing

Material: Square cutouts, worksheets / Pencils

Procedure:

Warm up:

- Show two objects e-g book and a pencil box, ask which will occupy more space on the deck.
- Make groups in the class
- Give each group some cutouts of squares
- Tell students to trace on outline of pencil box, books, worksheet, Diary on pages and measure the area by placing square cards to cover the space. Now count the square cards,

Explanation: The number student of squares is the area of this shape.

- Ask the student to make some more shapes by using the same number of squares cards.

Class work: Page 72 (2-B part 2)

Level 2 Term 4 Week 8 Day 5	**Lesson Plan**

Objective: To teach the concept of area

Activity: Written work

Material:— work sheet, Pencils, grid papers.

Procedure:—

- Teacher will draw the different shapes on the board. and count the area of that shape and write the area of that shapes.

Activity:—

- Teacher will give the grid papers to 4. groups. which should contain different shapes then each student of each group will count the area of the shapes and then write the area of that shape.

P.T.O

After doing this each group Teacher will call one by one from each group and will say that explain their work.

Class work:- Page # 74 (2B part 2)

Home work:- Page # 73 + Test of Area topic.